



Gulf Extrusions Co. LLC

Past – Present – Future

33 years of excellence in aluminium extrusions



شركة الخليج للسحب (ذمم)
مجموعة شركات الغرير
GULF EXTRUSIONS CO (LLC)
AL GHURAIR GROUP OF COMPANIES

PO Box 5598, Dubai, United Arab Emirates

Tel +9714 8846146 Fax +9714 8846830 \ +9714 8846335

Email mail@gulfex.com Web www.gulfex.com

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Thank You



شركة الخليج للسحب (ذمم)
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Introduction

1976

1978

1980

1989

1995

2001

2006

2010



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Company Profile

Gulf Extrusions Co. (L.L.C.) – the flagship company of the Al Ghurair Group of Companies was founded in 1978 in Dubai, U.A.E. where it has over the years earned the reputation as one of the most innovative, productive and reliable companies in the Middle East to handle multi-task projects.



Establishment agreement 1976



Queen Elizabeth's II Visit 1978



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Who we are and what we represent

- 33 Years of excellence in aluminium extrusion business.
- Known as the best quality extrusions plant in MENA.
- 480 skilled employee's.
- 60,000 Mt production capacity.
- Largest Press in MENA 4400 MT.
- The first what so called Green aluminium Extrusions in the world (MASDAR CITY).
- In-house established R&D facilities.
- Located close to its raw material supplier, Dubai Aluminium Co. Ltd. (DUBAL), the world's largest single smelter site



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Evolution

1979



2001



2011



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Green Aluminium Extrusions



**Press producing green
Aluminium extrusions**



MASDAR Inspection



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Gulf Extrusions and Its Subsidiaries

Gulf Extrusions

Dubai Extrusion Plant
6 Presses and 480
Employees.

Abu Dhabi Extrusion Plant
5 Presses, 400 Employees
and Operational in Q2
2012

Refco Metals Dubai
80 Employees

Refco Metals UK
25 Employees



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Our Global Presence



Gulf Extrusions Sales Offices

KSA

Riyadh,
Dammam

Qatar

Doha

**United
Kingdom**

Wellingborough

Holland

Rotterdam

Ethiopia

Addis Ababa

India

Delhi

Morocco

Casablanca



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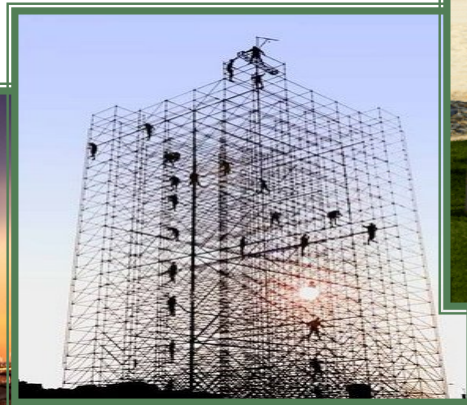
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Extrusion Facility Overview



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Presses



Gulf Extrusions today with its six (6) presses and its highly skilled workforce is able to produce 60,000 MT per annum.



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Extrusion Qualities

Standards Of Extrusion



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Health and Safety



"Accidents don't choose their victims. That's why all of us have to take responsibility for health and safety"

Mr Modar Al Mekdad
General Manager
Gulf Extrusions



Health and Safety Regulations to the highest standards to protect Gulf Extrusions most valuable asset, our people.



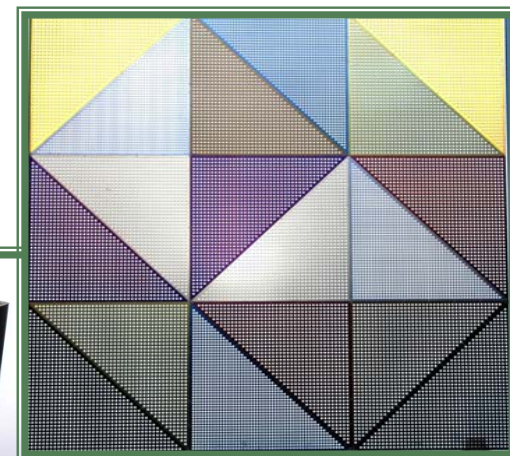
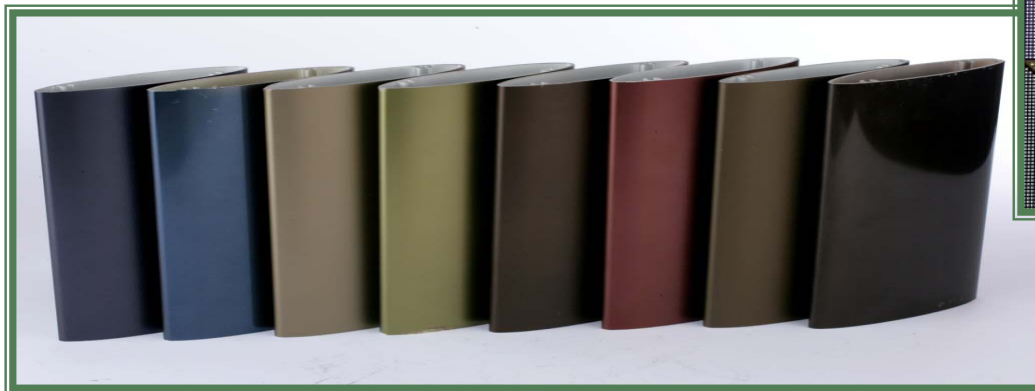
Gulf Extrusions & Whitestone Compliance present
The "ONE SAFETY"
Health & Safety Awareness Campaign
one family one goal one life **ONE SAFETY**



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Finishing Services



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Anodizing plant

- Anodizing Annual Capacity 4500 MT

Standards

BS EN 12373-1 2001

Clause 7 (BS: 6161 Part 6)

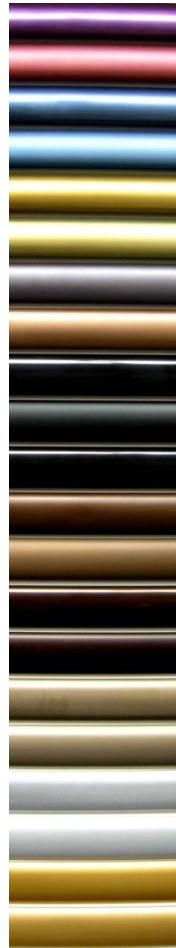
BS: 3987 Clause 2, 3, 5, 6

Appendix-A, B, C, D, E, F, G, H, J, K, L

Minimum Film Thickness – 16 Microns

GUARANTEE PERIOD : 15 years

Finished in Gold, Silver, black, bronze and full spectrum color whether matt or in polish finish.



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Powder Coating plants

- Horizontal & Vertical Powder coating lines
With an Annual Capacity Of 24 000 MT

Powder Coating BS: 6496 Clause:

10.4, 10.5, 10.6, 10.7 & 10.8

ISO 2360/2813/2409/2931

Minimum Film Thickness – 60 Microns

GUARANTEE PERIOD:

10 years for PE-F Quality

25 years for PE -SDF



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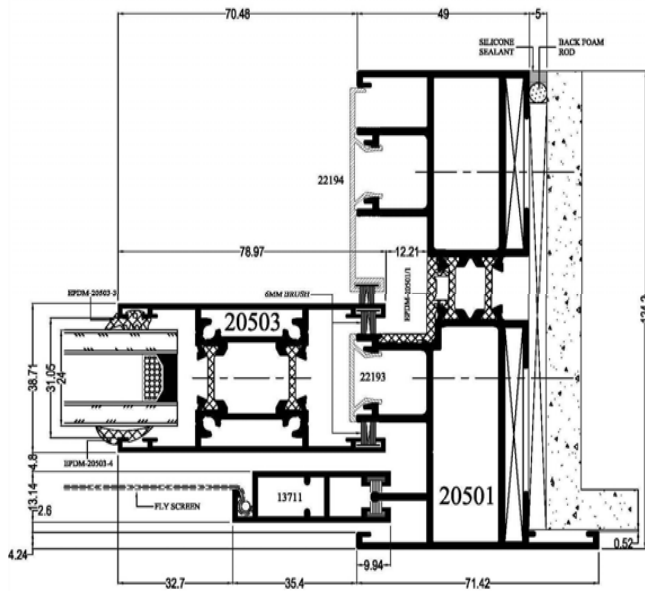
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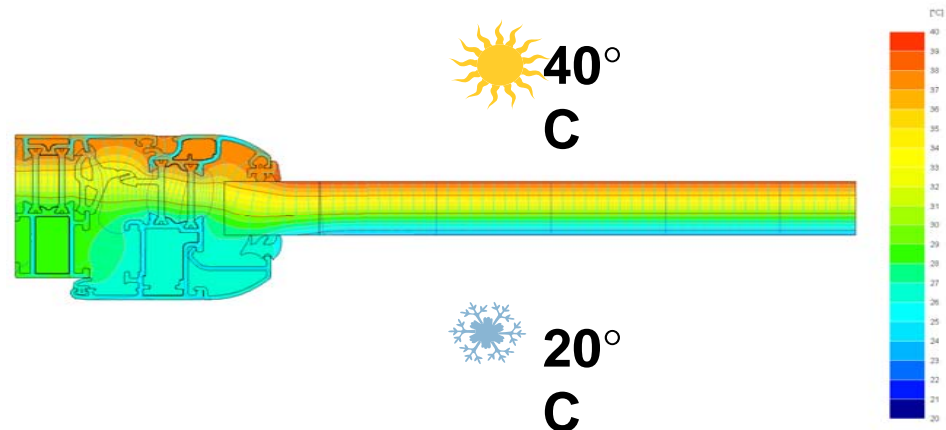
Crimping



Montana Series

Crimping a Service where the profiles of these thermally broken systems are joint together by means of a rigid and strong glass fibred polyamide insulation strip which is thermal resistant in nature, minimizing the thermal conductivity by 35% where the U value ranges from 2.5 – 3.0 W/M2K.

Energy finds the weakest point between the walls, frames, and glass to pass from. It is apparent in the thermal analysis, where the isothermal lines are very constant at the glass level, but there is more activity at the level of the frame where the energy flow is higher.



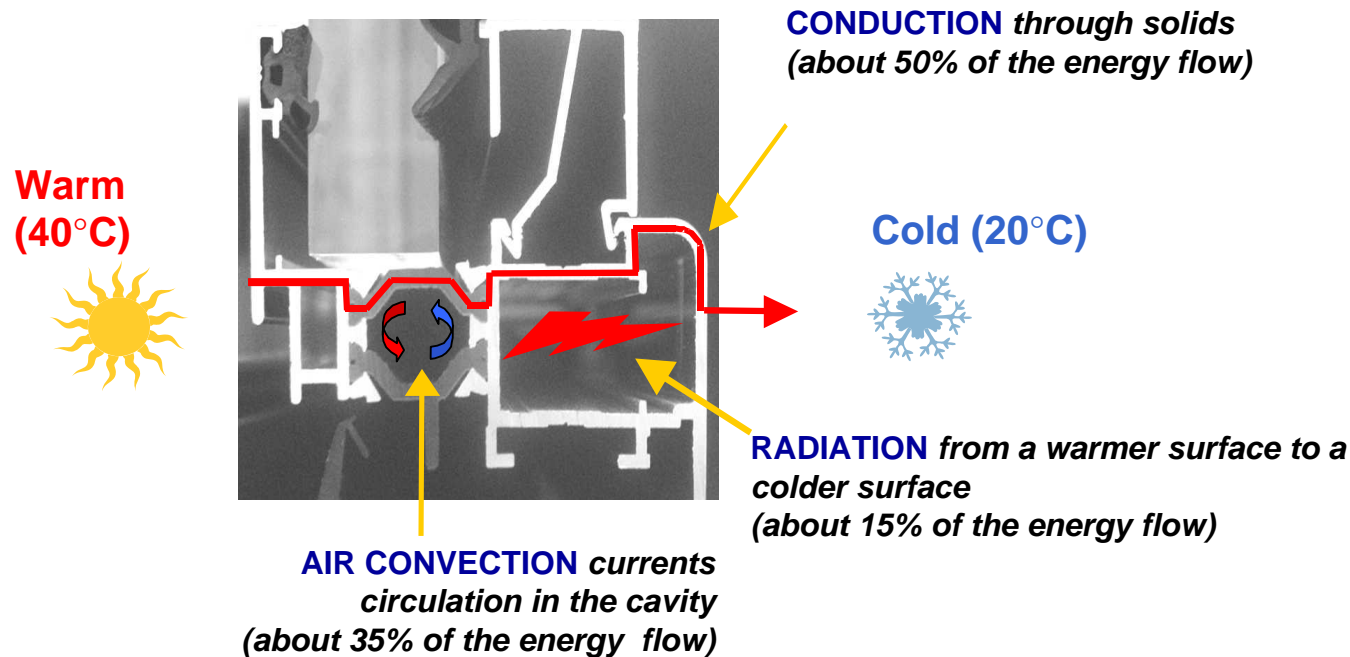
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Technoform Group

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Heat Transfer Analysis

The analysis below shows the three ways of heat transfer in a window profile.



[Technoform Group](#)

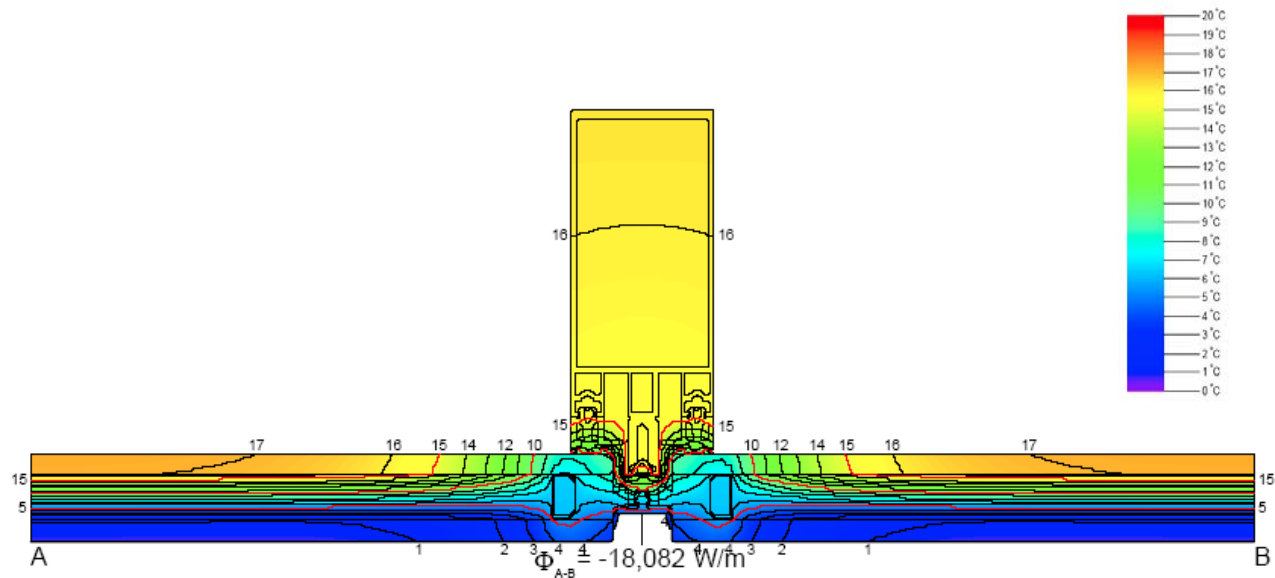


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Thermal Transmittance

Example of Thermal Transmittance of structurally glazed façade.



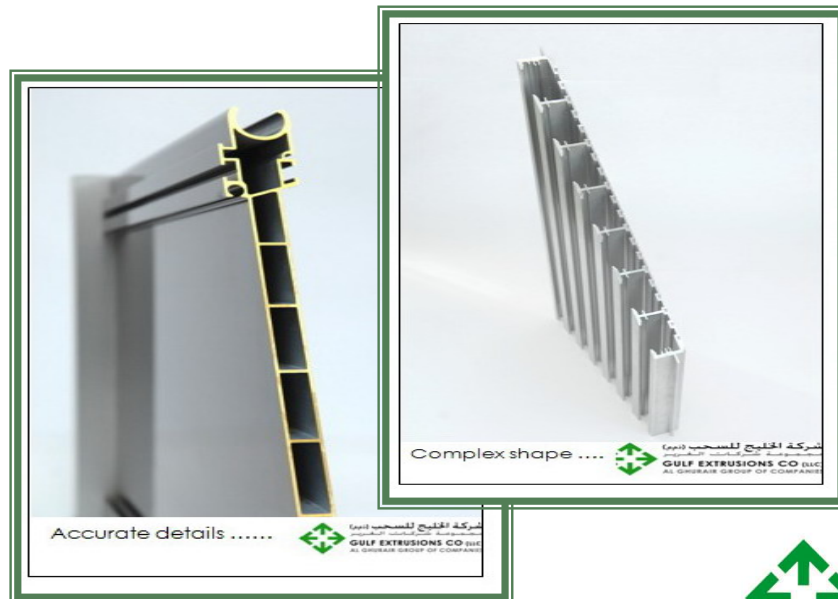
[Technoform Group](#)



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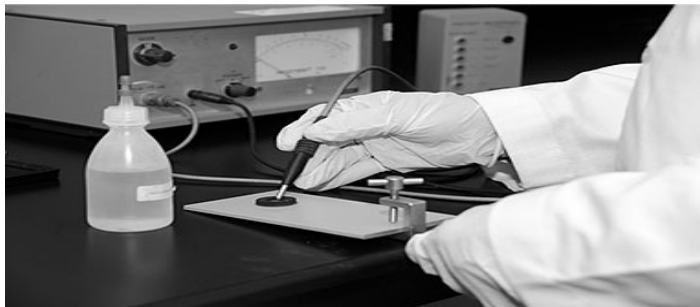
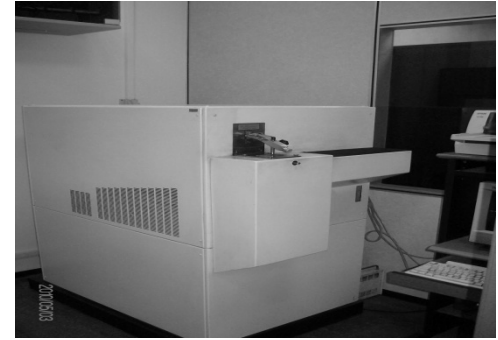
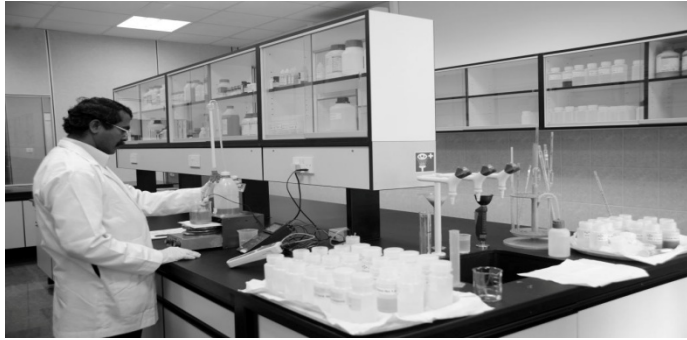
Other Services



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Tests Offered by Gulf Extrusion



- Mechanical Testing
- Microstructure Analysis
- Metal Composition
- Chemical Analysis
- Optical gaging test



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Quality Certification



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Quality standards



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Quality Standards

Authorization

to use the quality sign



This is to certify that

Gulf Extrusions Co. Ltd

P.O. Box 5598

AE – Dubai

Licence number: 1901

is authorized to use the quality sign which is shown above according to the REGULATIONS FOR THE USE OF THE QUALICOAT QUALITY SIGN FOR PAINT, LACQUER AND POWDER COATINGS ON ALUMINIUM FOR ARCHITECTURAL APPLICATIONS.

Date of issue of the licence: 15.03.2000

Period of validity of the licence: until 31.12.2011

Zurich, 1 November 2010

QUALICOAT


Ralf Heitzelmann
President

CERTIFICATION BODY


Josef Schoppig
AC-Fiduciaire SA


SCE Sp 045

Mailing address:
QUALICOAT, P.O. Box 1507, CH-8027 Zurich
Domicile:
QUALICOAT c/o AC-Fiduciaire SA, Todstrasse 47, CH-8002 Zurich

Phone: +41 (0)43 305 09 70/79
Fax: +41 (0)43 305 09 98
E-mail: info@qualicoat.net
Internet: www.qualicoat.net

Authorization

to use the quality sign



This is to certify that

Gulf Extrusions Co. Ltd.

P.O. Box 5598

AE – Dubai

Licence number: 2000

is authorized to use the quality sign which is shown above according to the REGULATIONS FOR USE OF THE QUALANOD QUALITY LABEL FOR SULPHURIC ACID-BASED ANODIZING OF ALUMINIUM.

Date of issue of the licence: 10.03.2000

Period of validity of the licence: until 31.12.2011

Zurich, 25 October 2010

QUALANOD


José Fernando Bettencourt
President

CERTIFICATION BODY


Josef Schoppig
AC-Fiduciaire SA


SCE Sp 045

Mailing address:
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Our Green Initiative



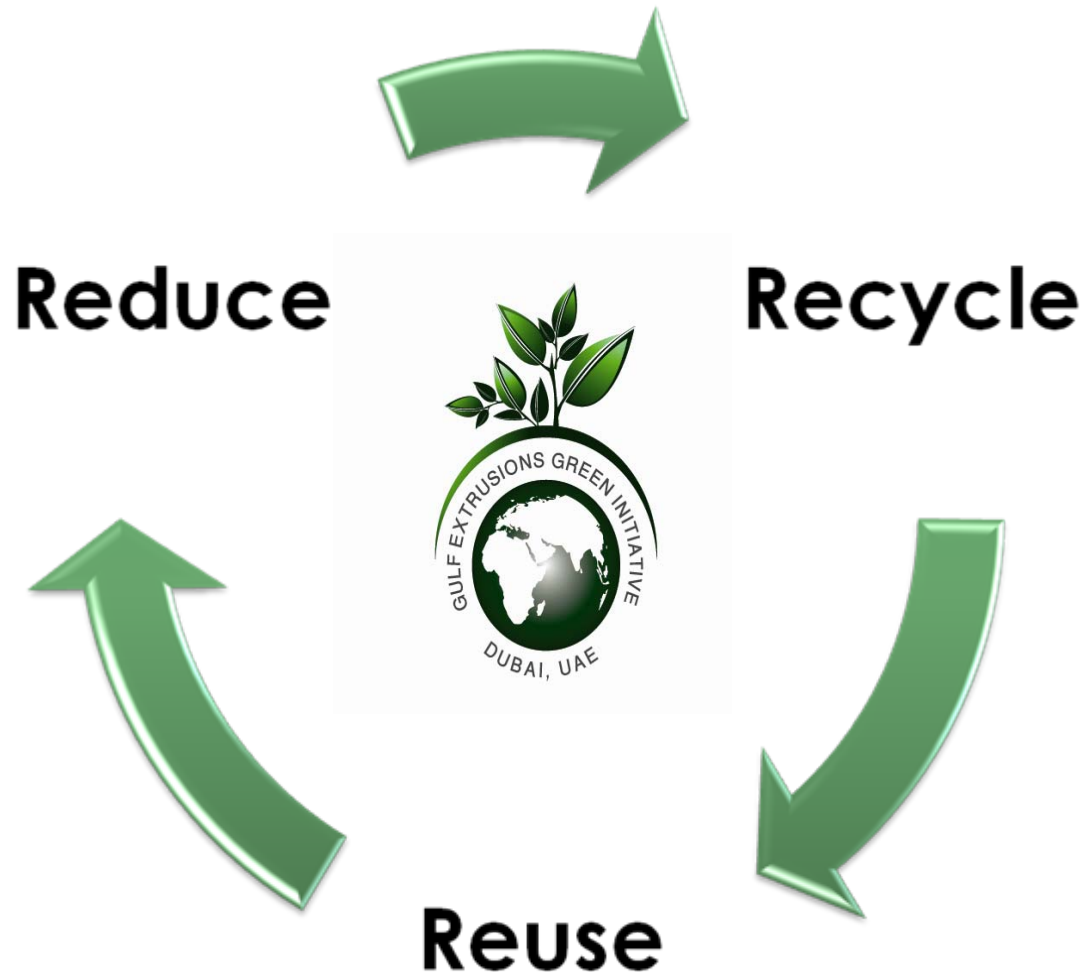
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Green Initiative Concept

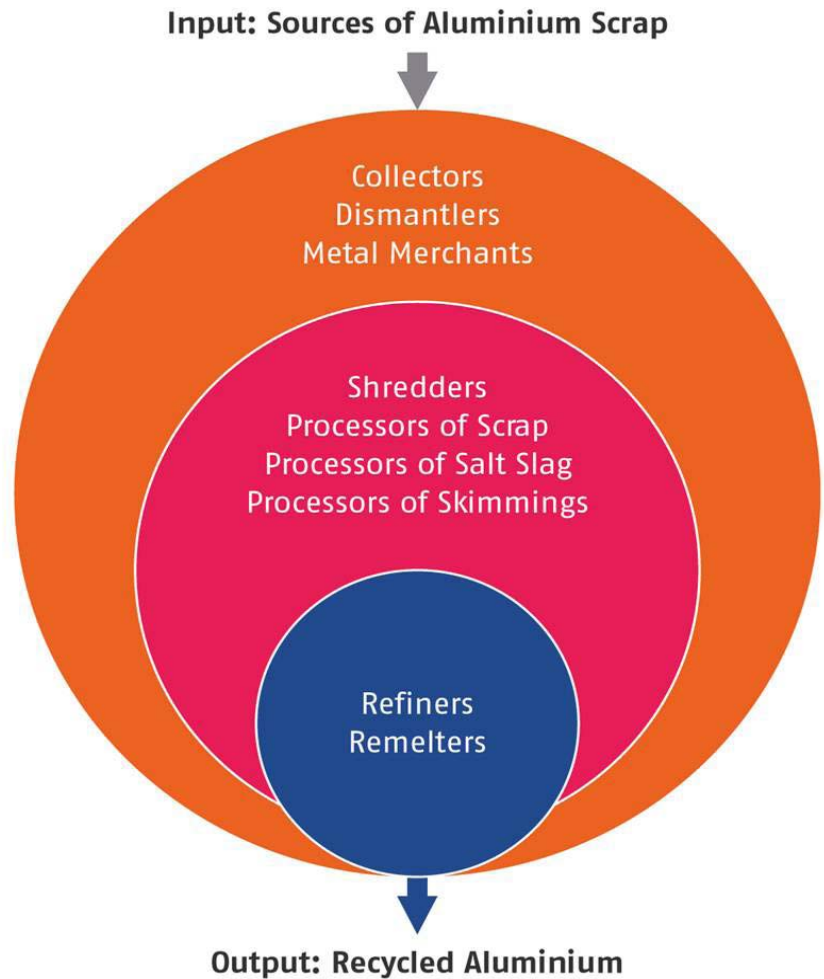


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Promoting Sustainability

Gulf Extrusions joined hands with Masdar to actively develop sustainable building materials and processes which considerably reduce the total carbon footprint and provide a replicable commercial resource.



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Promoting Sustainability



A treatment plant to produce water from liquid waste water from various surface treatment process. The water produced is used to irrigate 1500 trees within the Company.



Use of wind energy in factory building and warehouse for the building ventilation system. We have installed a state of art ventilation system capable to change the air volume of the building by around 150,000 M3 15 times folds in an hour at 8 knots wind speed. The electrical power saving from this practice is 750,000 Kwhr/year with this initiative.



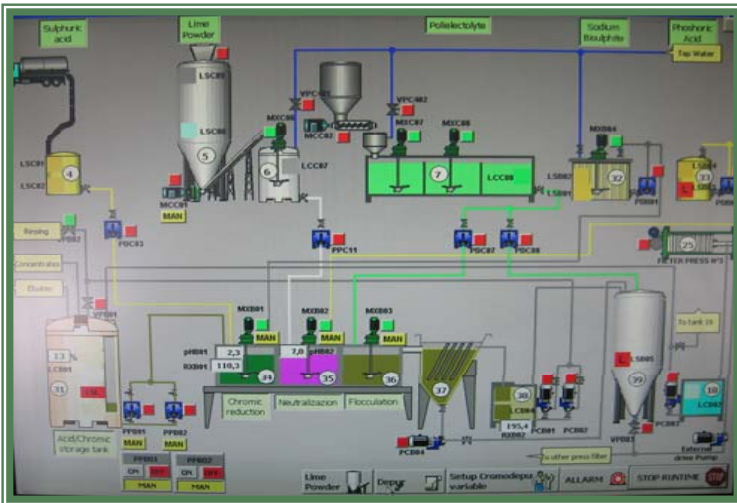
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Promoting Sustainability



An in-house Aluminium Scrap re-melting plant with recycling capacity of 12,000 MT/year.



Minimal liquid waste process in the anodizing and power coating plants. Two semi-recycling plants are in operation.



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Aluminium – Recyclable, Sustainable and Versatile

Recycling of aluminium products needs as little as 5% of the energy and emits only 5% of the green-house gas

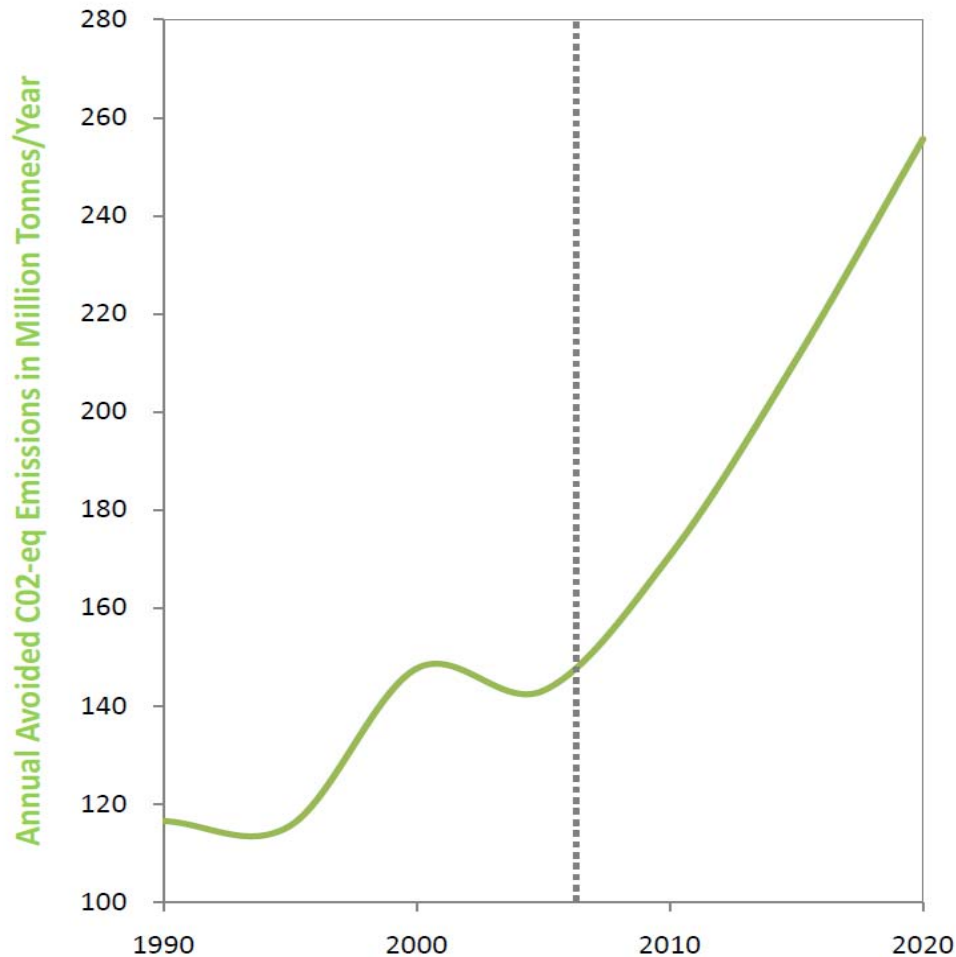
Recycled aluminium can be utilized for almost all aluminium applications, thereby preserving raw materials and making considerable energy savings.



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Aluminium – Recyclable, Sustainable and Versatile



The objective for 2020 or beyond is for the aluminium industry to help in avoiding more greenhouse gas emissions

Annual Avoided Emission by Aluminium Recycling



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Product Range



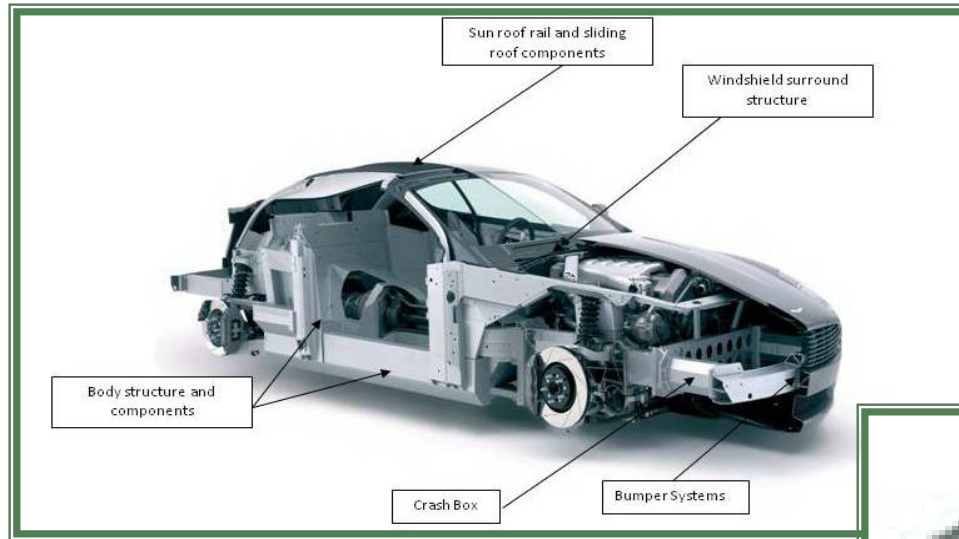
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Industries Applications



Automotive

Electrical



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Industries Applications



Furniture



Locomotive



Marine



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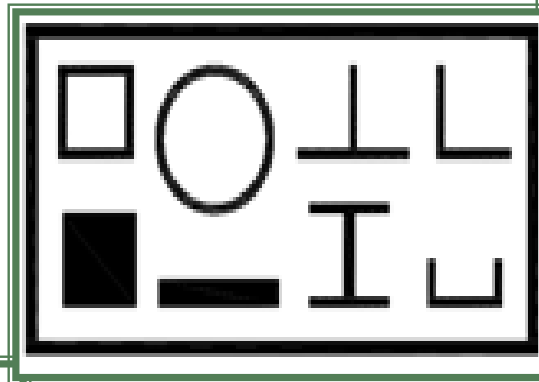
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Industries Applications

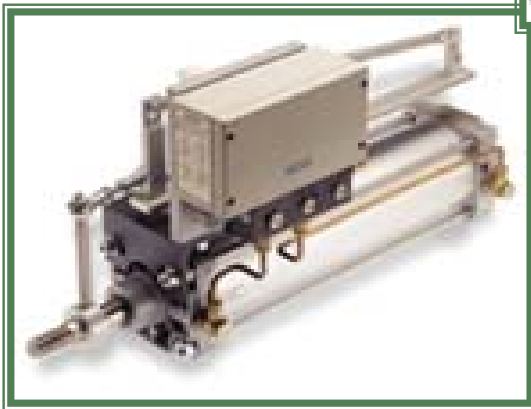
Decorative Cladding



Standard Profiles



Industrial



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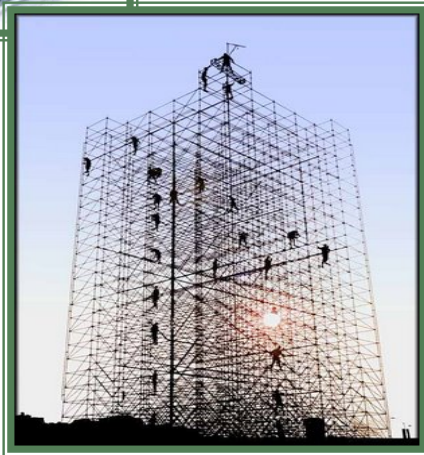
Industries Applications



Transport



Tent



Scaffolding



Machine Parts



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مجموعة شركات الغرير
GULF EXTRUSIONS CO (LLC)
AL GHURAIR GROUP OF COMPANIES

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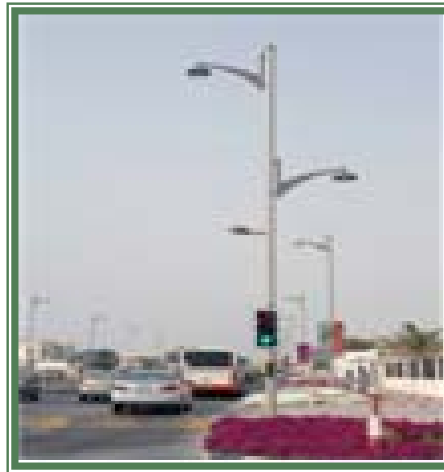
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Industries Applications



HVAC



Street Furniture



Medical



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Architectural Application



Railing Fence



Balustrades



Kitchen Furniture



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Architectural Application



Shop Front



Sun breakers



Partition



Light Fixtures



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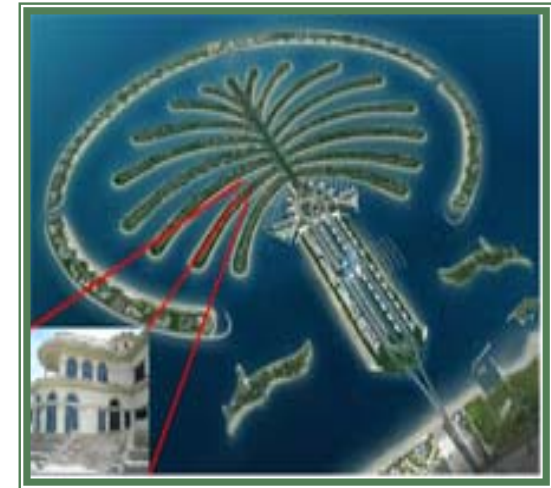
Architectural Application



Rolling Structure



Glazed Curtain Wall



Doors & Windows



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Architectural Application



Unitized Curtain Wall (Burj Khalifa Project)



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Automotive



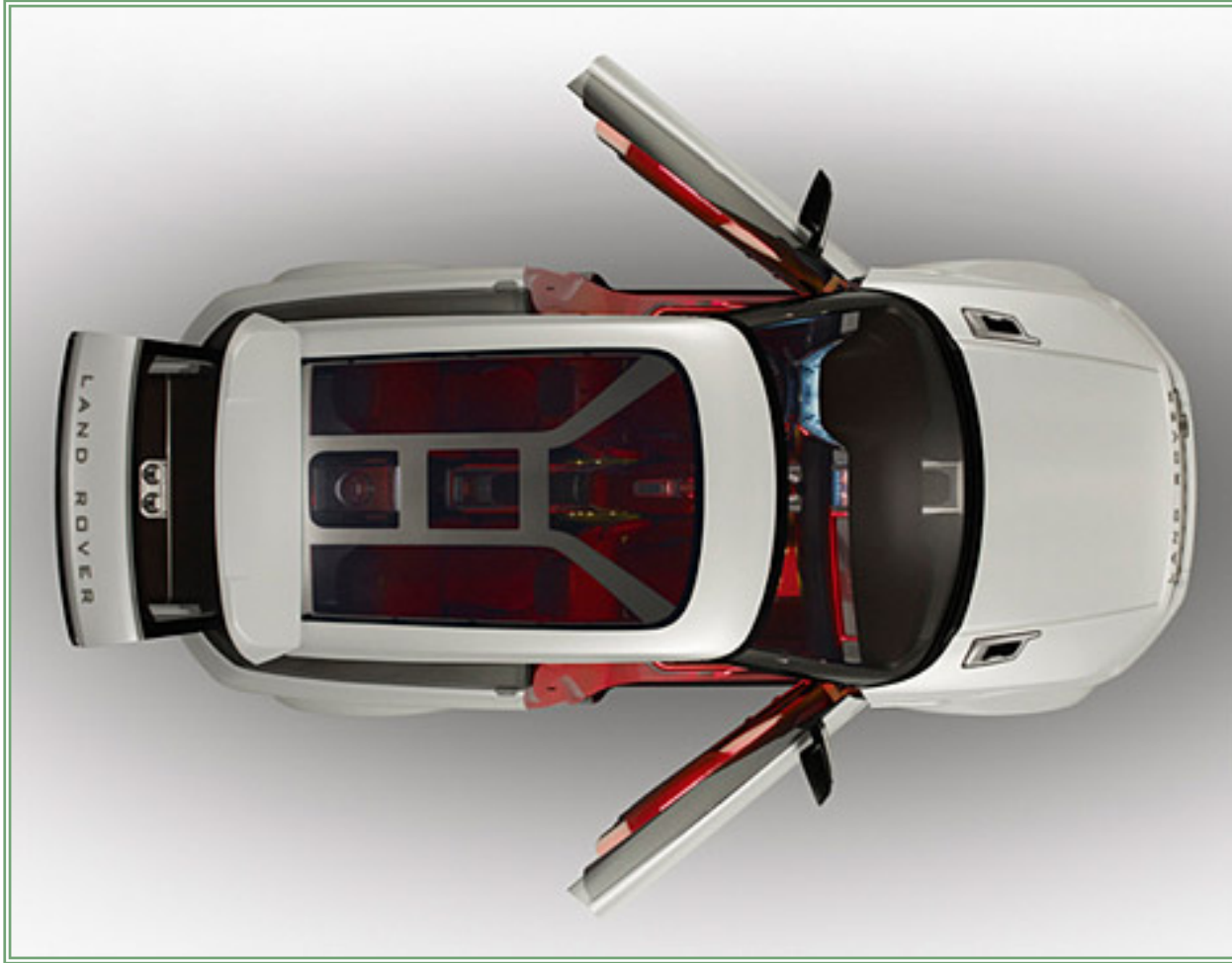
Rapide VH400



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Automotive



Land Rover LRX
All Roof Support Structure



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Automotive



JAGUAR XJ - X351



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Automotive



Aston Martin Bond Ready Frame Component Supply, DB9 & V8

Lotus Evora S.O.P. June 2009



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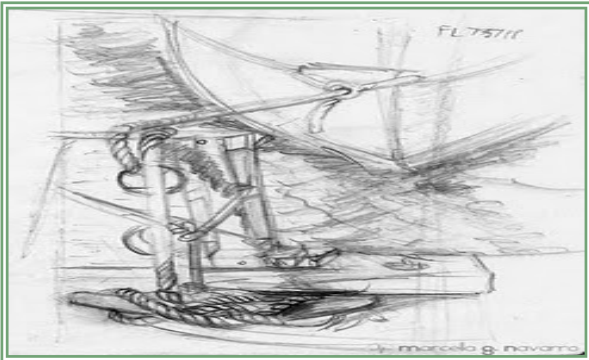
Furniture



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MARINE



TECHNICAL SPECIFICATIONS

WALKING UNITS (WS)

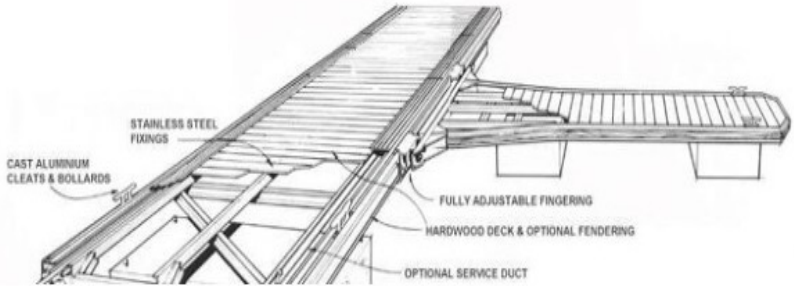
Walkway units may be used for the main concourse of a marina and for many other pontoon applications. Standard lengths are 11.46m and 7.46m; widths 2.64m, 2.03m and 1.73m.

FINGER UNITS (SS)

Cantilever finger units are used in conjunction with walkways giving individual berths. Fingers are supplied in lengths of 4.5m, 6.0m, 7.5m, 9.0m and 10.5m.

Units are made in a tapered splay design with a minimum width of 760mm or can be parallel sided the full length of the finger with a small root splay for fixings. Longer units are available but will be parallel sided and supported by an end pile.

Due to our policy of continuous product development we reserve the right to change specifications without prior notice.

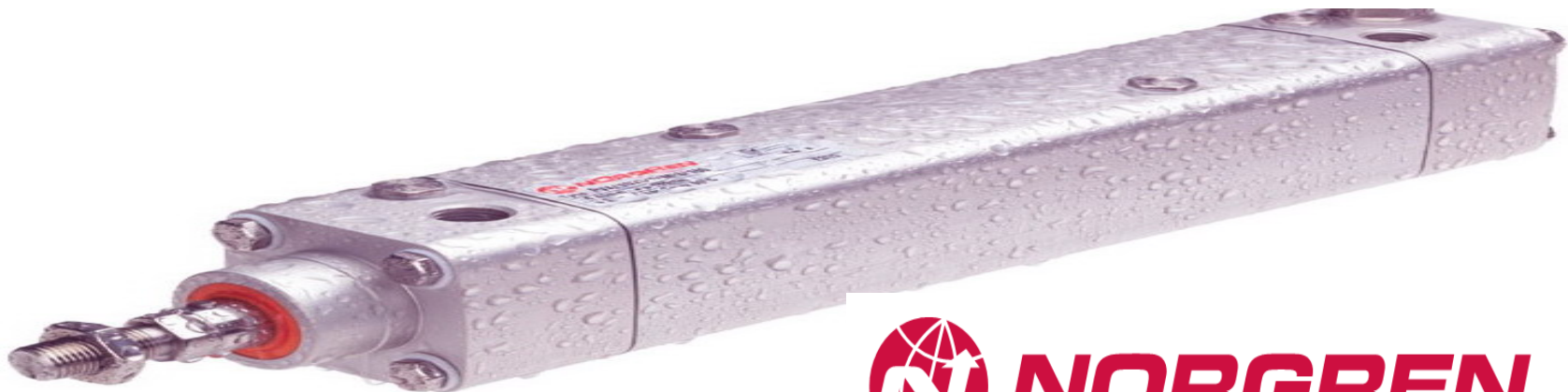


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مجموعة شركات الغرير

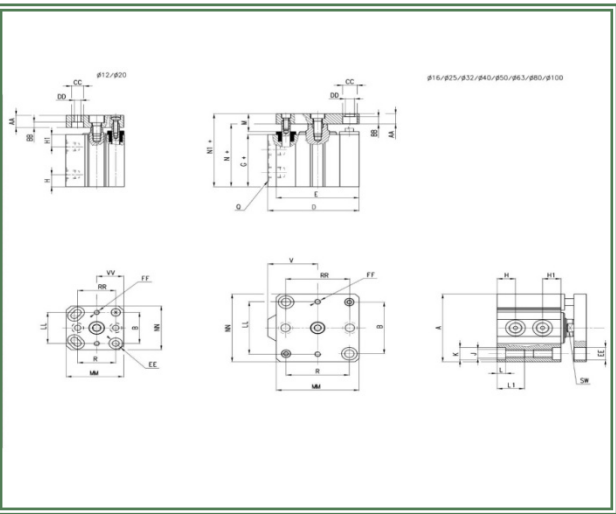
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Industrial



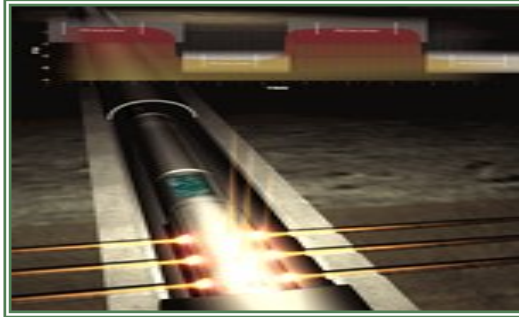
NORGREN



شركة الخليج للسحب (ذمم)
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Industrial – OIL and GAS



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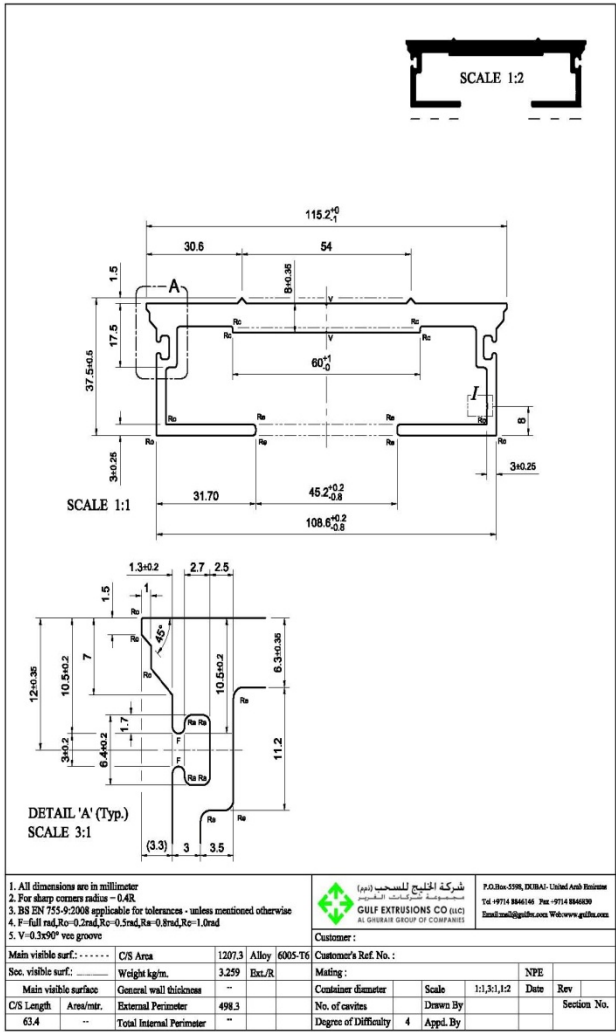
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Transport



BENALU

STAS

BAYARDS

solutions in aluminium

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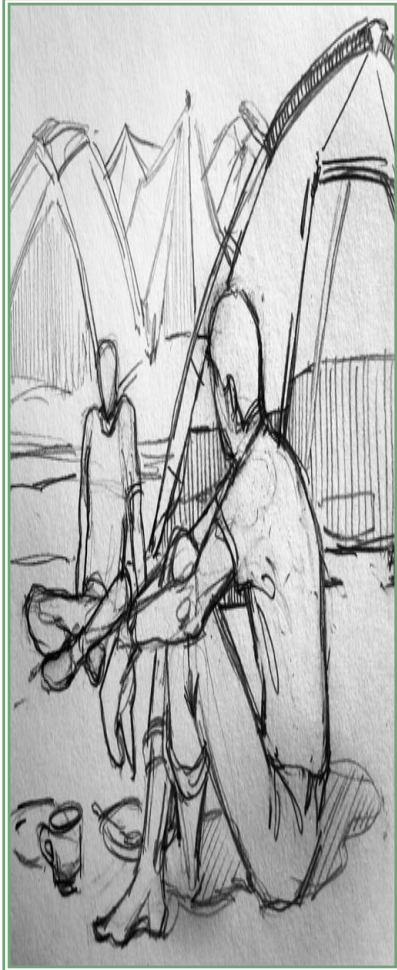
مجموعة شركات الغرير

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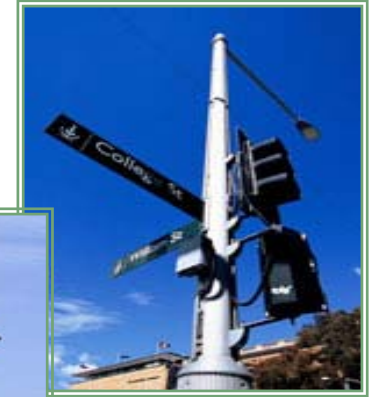
Tents



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Street Furniture



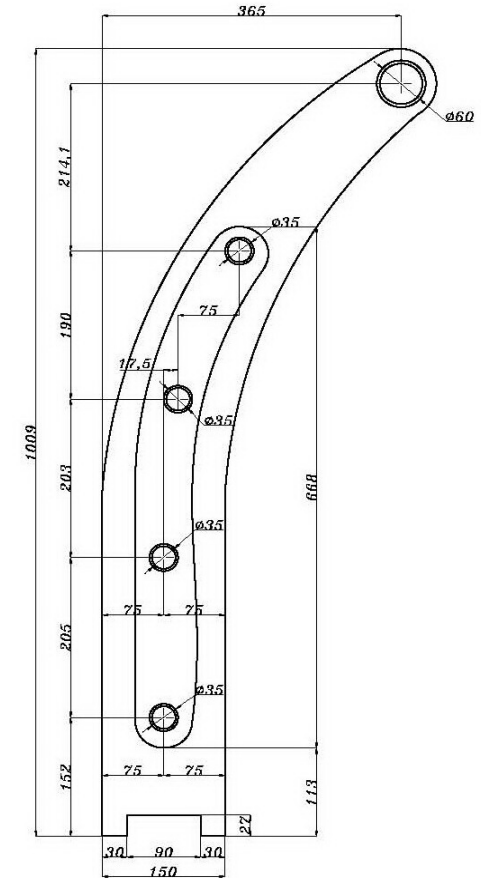
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Architectural References



Beirut



Railing Profile



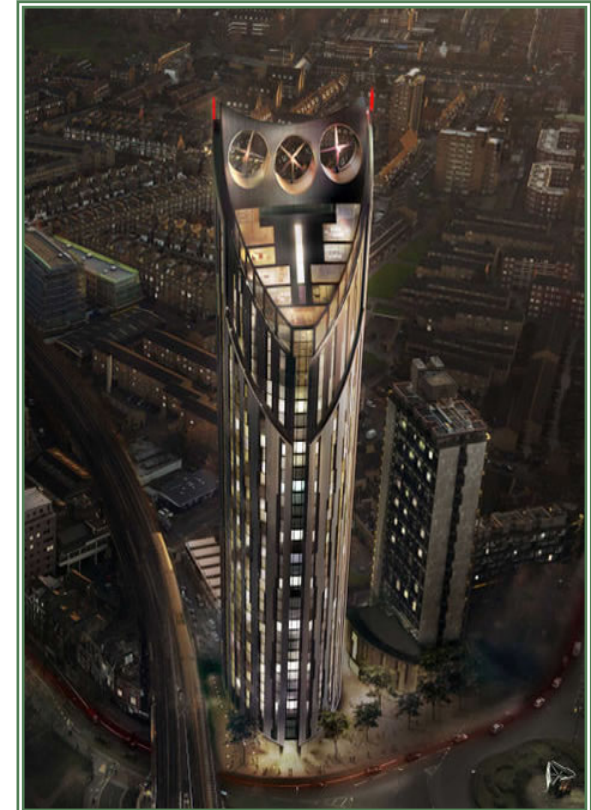
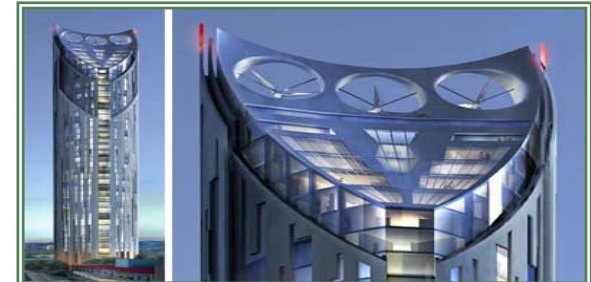
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Architectural References



Top: Johannesburg – Airport
Right: Castle House - London



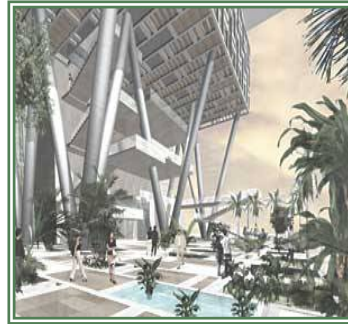
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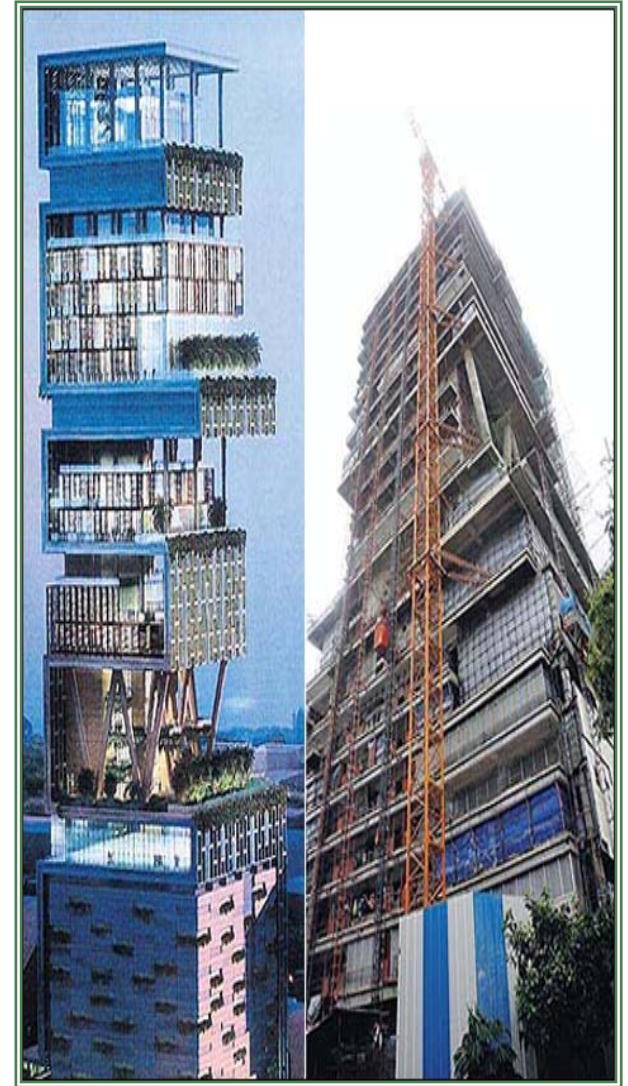
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Antilla Residence



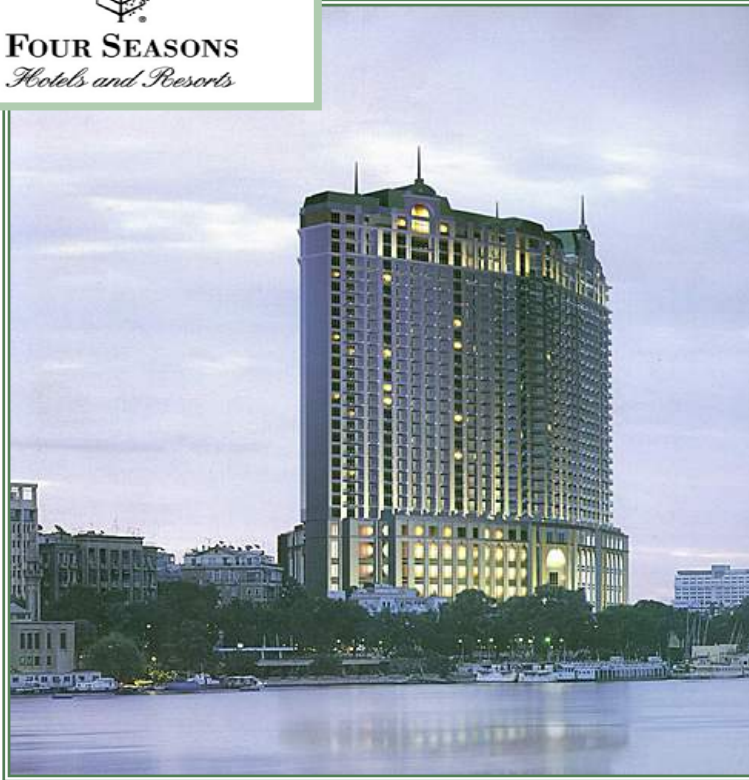
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FOUR SEASONS
Hotels and Resorts



Marriott



Cairo



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Lagoon Plaza



Doha



Science & Technology Park



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Sidra Medical & Research Centre

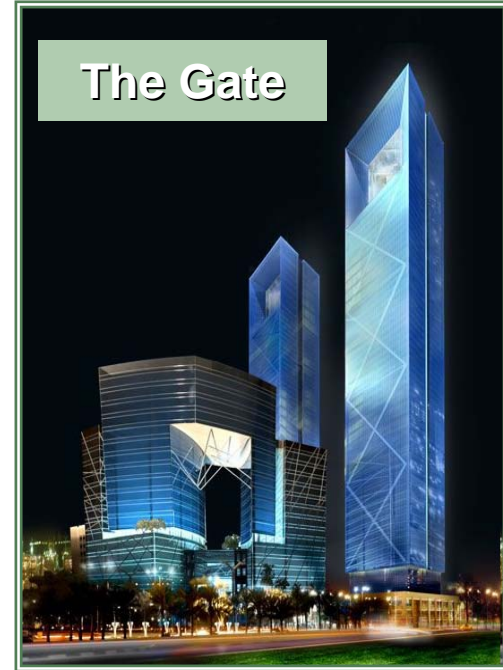


Doha



Doha Bank

The Gate



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Top Left : King Abdullah University of Science and Technology

Top Right: Princess Nora Bint Abdulrahman University



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Emirates Towers



Emirates Palace



Abu Dhabi Mall



Burj Khalifa



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Foster + Partners



Index Tower, Dubai



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